Web-based MSc Project Evaluation Management System

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Abstract

Web-based Project Evaluation Management System bring the advantage of saving time and resources over the traditional paper and pencil scan sheet method. In order to enhance the performance of the current final project evaluation process in CAS this study proposes developing a web based evaluation management system to replace the current paper forms. Implementing this system will enable the evaluation results to be entered, presume and retrieved anytime anywhere.

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LIST OF ABBREVIATIONS

ASP	Active Server Pages
CAS	College of Arts & Sciences
CGI	Computer Graphics Interface
HTML	Hypertext Mark-up Language
IAS	Instructional Assessment System
ICT	Information and Communications Technology
IIS	Internet Information Service
JSP	Java Server Pages
IT	Information Technology
PHP	Hypertext Preprocessor Script Language
SGML	Standard Generalized Mark-up Language
SQL	Structured Query Language
SSL	Secure Sockets Layer
UML	Unified Modeling language
UUM	University Utara Malaysia
WCES	Web Course Evaluation System
XML	Extensible Mark-up language

CHAPTER 1

INTRODUCTION

1.1 Introduction

A web application is an application that runs on a web server and is accessed by users over the Internet or a local intranet. Web applications usually consist of static resource files (e.g. Images), web components, helper classes and libraries. A web browser is commonly used as a thin client hence all the processing is done on the server.

Web applications are usually organized in three-tier architecture – a user interface level, a functional process logic level, and data storage level. A web browser is the user-interface level and dynamic web content technology such as CGI, ASP or Java Servest, is used in at the functional (business logic) level. Data Storage is handled by a database.

Within a short period, the Internet and World Wide Web have become ubiquitous, surpassing all other technological developments in our history. They've also grown rapidly in their scope and extent of use, significantly affecting all aspects of our lives. Industries such as manufacturing, travel and hospitality, banking, education, and government are Web enabled to improve and enhance their operations.

The contents of the thesis is for internal user only

5.4. Recommendations and Future Work

During the design and development of this model, several issues about its design and development were revealed. Future design and development in the same field of this study should pay attention to the following recommendations and considerations:

- Regarding this study prototype, one important consideration for future development and projects is to conduct a detailed study on the best way for integrating the databases of all related departments in UUM like postgraduate school registration office. This integration must ensure the reliability of this prototype database and must guarantee the consistency of the data stored and retrieved from this database. A possible way to achieve this goal is to build a data warehouse for the whole departments databases related and linking this system to the data warehouse instead of linking it to a stand alone database.

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